

## Terminal Railroad Association Collection

Inventory of Eads Bridge Drawings at Washington University  
Processed by Catherine Forslund, 1995

### Section 3: Drawings 204-300

TR-204	Tools for examining interior of tubes Scale: full size Date: 9/18/1902 Size: 15x9
TR-205	Present tracks on east approach from face of abutment to east tower Scale: 1/4 inch=1 foot Date: 1/1/1888 Size: 60x16 (folded)
TR-206	Cross-section over roadways along 11th Street Freight House Size: 30x24
TR-207	Proposed changes in new freight house, 11th & Poplar Streets Scale: 1/8 inch=1 foot Date: 8/1/1892 Size: 21x24
TR-208	Section of proposed freight house between 9th and 11th Streets on Poplar Scale: 3/8 inch=1 foot Size: 45x17
TR-209	Plan of proposed freight house between ?th and 11th streets Scale: 1/8 inch=1 foot Date: 4/11/1892 Size: 43x22
TR-210	Proposed freight house Scale: 1 inch=16 feet Date: 3/23/1892 Size: 49x24
TR-211	Map showing state of work on the St. Louis tunnel Scale: 1 inch=150 feet Date: 6/1/1874 Size: 32x17

- TR-212                    Details of supports for fan and motor for tunnel ventilation, sheet 1, with revisions  
Scale: 3/8 inch=1 foot  
Date: 4/30/1915  
Size: 26x19
- TR-213                    Castings for 15 in. pipe, Clark Ave., 2 sets (4 half pieces) required  
Scale: 1/8 full size  
Size: 31x15
- TR-214                    Castings for Post Office connection  
Scale: 1 inch=1 foot  
Date: 10/10/1873  
Size: 21x24
- TR-215                    Castings for Post Office connection  
Scale 1 inch=1 foot  
Date: 10/1873  
Size: 21x24
- TR-216                    Tunnel connection Illinois & St. Louis bridge with western railways  
Scale: 1 inch=4 feet and 1 inch=16 feet  
Size: 36x20 (damaged; drawing breaks off at left edge)
- TR-217                    #3: Tunnel of Illinois & St. Louis Bridge, cross and longitudinal sections  
Scale: 3/8 inch=1 foot  
Date: 2/8/1871  
Size: 34x26
- TR-218                    Eads Bridge, east approach, railroad deck, renewal of lateral bracing under south track between bents 4 and 6  
Date: 9/25/1936  
Size: 36x24
- TR-219                    Details of connections between stuts (for wrought iron tension rods), revised from drawing 39  
Scale: full size  
Date: 10/1/1873  
Size: 33x31

- TR-220 #64a: Details of superstructure of Illinois & St. Louis Bridge, traced by A.F.C.  
11/10/1927  
Scale: 1 inch=2 feet and 1/8 full size  
Date: 7/13/1872; received at St. Louis, 7/26/1872 by Walter Katte  
Size: 36x12
- TR-221 Plan No. 2 for locating express offices (abandoned), showing land owned and to be bought  
Size: 30x17
- TR-222 Elevations, floor plans, and sections for freight house  
Scale: 1/8, 1/2 inch=1 foot and 1 inch= 4 feet  
Size: 43x25 (damaged; drawing breaks off at upper left edge)
- TR-223 Section of Tunnel at Post Office showing concrete wall, erected from 4/13-6/23/1892  
Scale: 1/8 inch=1 foot  
Date: 6/27/1892  
Microfilmed  
Size: 60x20 (folded)
- TR-224 Connection of Tunnel & Customs House, joint of box girders at S. 21 + 67  
Scale: 1 inch=1 foot  
Size: 24x12
- TR-225 Details of proposed fan  
Scale: 1/4 size, 1/4 & 1/2 inch=1 foot  
Date: 1893  
Size: 45x41 (folded), 27x41, 23x41 (all clipped together)
- TR-226 Diagram of wind trusses, three arch spans, sheet no. 7  
Date: 2/6/1928  
Signed: John N. Ostrom  
Microfilmed  
Size: 35x15
- TR-227 24 steel stringers for St. Louis Bridge, St. Louis Bridge and Tunnel R.R., Edge Moor Iron Works, Card no. 8231, Order no. 4355, traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/17/1888, tracing 10/13/1924  
Signed: B.F.N.  
Microfilmed  
Size: 36x24

- TR-228            200 steel track stringers, Order no. 4355, Card no. 8239, Edge Moor Iron Works, traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/20/1888, tracing 1/26/1926  
Microfilmed  
Size: 25x37
- TR-229            144 steel track stringers, Order no. 4355, Card no. 8240, Edge Moor Iron Works, traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/20/1888, tracing 12/5/1924  
Microfilmed  
Size: 36x24
- TR-230            Shop drawings of reconstruction of lower roadway of Eads Bridge by Edge Moor Bridge Works  
Date: 4/1888  
Microfilmed  
Size: 36x25
- TR-231            Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from A to B & connections to old steel work  
Scale: 1/4 inch=1 foot  
Date: 10/24/1924  
Microfilmed  
Size: 36x24
- TR-232            East approach, supports for cross-overs, sheet 2 of 2  
Date: 7/12/1928  
Microfilmed  
Size: 36x24
- TR-233            Paving at east end, east approach to Eads Bridge  
Scale: 3/8, 1/2 & 1 inch=1 foot and 1 inch=30 feet  
Date: 10/9/1925  
Microfilmed  
Size: 36x24
- TR-234            Reconstruction of upper roadway, west arcade of Eads Bridge plan  
Scale: 1/8 inch=1 foot  
Date: 2/27/1926  
Microfilmed  
Size: 36x24

- TR-235 Reconstruction of upper roadway, west arcade of Eads Bridge, typical cross-section through proposed deck  
Scale: 1/2 & 3/4 inch=1 foot  
Microfilmed  
Size: 36x24
- TR-236 Reconstruction of upper roadway, west arcade of Eads Bridge, reinforced concrete details at Washington Ave. passenger station  
Scale: 1/4 inch=1 foot  
Date: 6/3/1927  
Microfilmed  
Size: 36x24
- TR-237 Reconstruction of upper roadway, west arcade of Eads Bridge, details of column and girders at east end of arcade  
Scale: 1/4 & 1/2 inch=1 foot  
Date: 6/11/1927  
Microfilmed  
Size: 36x24
- TR-238 Reinforcement of Eads Bridge, Mississippi Valley Structural Steel Co. Maplewood plant, index  
Date: 7/11/1924  
Microfilmed  
Size: 36x24
- TR-239 Reinforcement of Eads Bridge, floor beam connection of lower deck, brackets, Mississippi Valley Structural Steel Co.  
Date: 7/8/1924  
Microfilmed  
Size: 36x24
- TR-240 Reinforcement of Eads Bridge, details, Mississippi Valley Structural Steel Co.  
Date: 9/6/1924  
Microfilmed  
Size: 36x24
- TR-241 Plate girder bridge over Manchester Road, details of stringers  
Scale: 3/4 inch=1 foot  
Date: 2/8/1911  
Microfilmed  
Size: 36x24

- TR-242 East approach, highway deck, reconstruction of girder from former bridge over Manchester Road for use as "Girder C", including note to erector  
Date: 11/1/1934, with revisions and additions 11/8 and 11/12  
Microfilmed  
Size: 36x24
- TR-243 East approach, supports for cross-overs, sheet 1 of 2  
Date: 7/3/1928  
Microfilmed  
Size: 36x24
- TR-244 Steel floorbeams for St. Louis Bridge, Edge Moor Iron Co., Order nos. 4357 & 4152, Card nos. 8243, 8246, & 7870, traced  
Date: 11/15/1887, tracing 6/16/1926  
Microfilmed  
Size: 36x24
- TR-245 Floor beams and stringers, Edge Moor Iron Co., Card no. 7928, traced  
Date: 12/15/1887, tracing 6/4/1926  
Microfilmed  
Size: 35x26
- TR-246 Wrought iron stiff plates & brackets, Edge Moor Iron Works, traced  
Date: 3/15/1888, tracing 11/16/1926  
Microfilmed  
Size: 36x24
- TR-247 100 steel floorbeams to replace kneebraces, Order no. 4354, Card no. 8182, Edge Moor Iron Works, traced  
Scale: 1 1/2 inch=1 foot  
Date: 4/6/1888, tracing 2/17/1925  
Microfilmed  
Size: 36x27
- TR-248 Unidentified, appears to be steel floor beams, Order no. 4354, Card no. 8188, traced  
Date: 4/11/1888, tracing 1/2/25  
Microfilmed  
Size: 37x26

- TR-249            12 steel floor beams for St. Louis Bridge, Order no. 4354, Card no. 8200,  
Edge Moor Iron Co, traced  
Scale: 1 1/2 inch=1 foot  
Date 4/10/1888, traced 9/18/1924  
Microfilmed  
Size: 36x27
- TR-250            84 steel floor beams for suspender joints, Order no. 4354, Card no. 8201,  
Edge Moor Iron Works, traced  
Scale: 1 1/2 inch=1 foot  
Date: 4/10/1888, tracing 12/4/1924  
Microfilmed  
Size: 36x27
- TR-251            7 steel floor beams, Order no. 4354, Card no. 8206, Edge Moor Iron Co.,  
traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/11/1888, tracing 10/10/1924  
Microfilmed  
Size: 36x24
- TR-252            16 steel floor beams, Order no. 4354, Card no. 8215, Edge Moor Iron  
Works, traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/12/1888, tracing 6/16/1926  
Microfilmed  
Size: 36x28
- TR-253            Suspender eye plates and connecting staps for jaw nut joints, Order no. 4357,  
Card no. 8216, Edge Moor Iron Co., traced  
Scale: 3 inches=1 foot  
Date: 4/13/1888, tracing 1/5/1928  
Microfilmed  
Size: 36x24
- TR-254            24 stringers, Order no. 4355, Card no. 8222, Edge Moor Iron Works, traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/16/1888, tracing 11/29/1924  
Microfilmed  
Size: 36x24

- TR-255            48 steel stringers, Order no. 4355, Card no. 8223, Edge Moor Iron Works,  
traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/14/1888, tracing 4/7/1926  
Microfilmed  
Size: 37x27
- TR-256            24 steel stringers, Order no. 4355, Card no. 8226, Edge Moor Iron Works,  
traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/15/1888, tracing 11/7/1924  
Microfilmed  
Size: 36x24
- TR-257            48 steel stringers, Order no. 4355, Card no. 8227, Edge Moor Iron Works,  
traced  
Scale: 1 1/2 inches=1 foot  
Date: 4/16/1888, tracing 9/26/1924  
Microfilmed  
Size: 27x36
- TR-258            Plan & sections of west wall in tunnel between Olive & Locust Streets, under  
8th Street  
Scale: 1/8 & 1/2 inch=1 foot  
Date: 4/4/1922  
Size: 36x24
- TR-259            Details of tunnel roof at U.S. Post Office, traced  
Scale: 1 inch=1 foot and 1 inch=12 feet  
Date: tracing 4/28/1921  
Microfilmed  
Size: 36x24
- TR-260            Concrete retaining wall for highway from "C" St. to Broadway, east approach  
to Eads Bridge, details of fence & bill of material  
Scale: 1/4 inch=1 foot  
Date: 4/11/1924  
Microfilmed  
Size: 36x24

- TR-261 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from C to D  
Scale: 3/8 inch=1 foot  
Date: 3/22/1924  
Microfilmed  
Size: 36x24
- TR-262 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, general plan & elevation  
Scale: 1 inch=20 feet and 1/8 inch=1 foot  
Date: 3/7/1924  
Microfilmed  
Size: 36x24
- TR-263 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from A to B & connections to old steel work  
Scale: 1/4 inch=1 foot  
Date: 10/14/1924  
Microfilmed  
Size: 36x24
- TR-264 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from B to C  
Scale: 3/8 inch=1 foot  
Date: 3/14/1924  
Microfilmed  
Size: 36x24
- TR-265 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from D to E  
Scale: 3/8 inch=1 foot  
Date: 3/25/1924  
Microfilmed  
Size: 36x24
- TR-266 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from E to F  
Scale: 3/8 inch=1 foot  
Date: 3/28/1924  
Microfilmed  
Size: 36x24

- TR-267 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from F to G  
Scale: 3/8 inch=1 foot  
Date: 4/1/1924  
Microfilmed  
Size: 36x24
- TR-268 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of wall from G to H  
Scale: 3/8 & 1 inch=1 foot  
Date: 4/3/1924  
Microfilmed  
Size: 36x24
- TR-269 Concrete retaining wall for highway from "C" St. to Broadway, east approach to Eads Bridge, details of counterforts  
Scale: 1/2 inch=1 foot  
Date: 4/8/1924  
Microfilmed  
Size: 36x24
- TR-270 Reinforcement of Eads Bridge, cover plates to floor beams of lower deck, Mississippi Valley Structural Steel Co., sheet 1  
Date: 6/12/1924  
Microfilmed  
Size: 36x24
- TR-271 Reinforcement of Eads Bridge, cover plates to floor beams of lower deck, Mississippi Valley Structural Steel Co., sheet 2  
Date: 6/14/1924  
Microfilmed  
Size: 36x24
- TR-272 Reinforcement of Eads Bridge, cover plates to floor beams of lower deck, Mississippi Valley Structural Steel Co., sheet 3  
Date: 6/17/1924  
Microfilmed  
Size: 36x2

- TR-273            Reinforcement of Eads Bridge, cover plates to floor beams of lower deck & index, Mississippi Valley Structural Steel Co., sheet 4  
Date: 6/18/1924  
Microfilmed  
Size: 36x24
- TR-274            Eads Bridge, east approach repairs, with note to erector  
Date: 1/24/1928  
Microfilmed  
Size: 36x24
- TR-275            Center span, typical half cross section, between joints 14-15 (looking east)  
Scale: 3/4 inch=1 foot  
Date: 10/18/1927  
Microfilmed  
Size: 36x24
- TR-276            Eads Bridge diagram 2, showing tubes, elevation, floor plan and wind truss  
Date: 1/18/1928  
Signed: John N. Ostrom  
Microfilmed  
Size: 35x25
- TR-277            Eads Bridge, lower deck, strengthening for use of #146 locomotives, including various notes  
Date: 4/30/1924, revised 6/6/1924  
Microfilmed  
Size: 36x24
- TR-278            Main channel spans, repairs to struts over railway tracks, including notes to erector  
Date: 5/4/1927  
Microfilmed  
Size: 36x24
- TR-279            East approach, new top flange Ls for stringers and floor beam at points indicated and noted  
Date: 6/20/1928  
Microfilmed  
Size: 36x24

- TR-280 East approach, new top flange Ls for stringers at points indicated, between bents 20 and 21  
Date: 4/13/1928  
Microfilmed  
Size: 36x24
- TR-281 East approach, new top flange Ls for stringers of lower deck at points indicated, between bents 10 and 14  
Date: 5/2/1928  
Microfilmed  
Size: 36x24
- TR-282 East approach, lower deck, new top flange Ls for floor beams at points indicated, between bents 18 and 28  
Date: 1/20/1930  
Microfilmed  
Size: 36x24
- TR-283 East approach, new top flange Ls for stringers and floor beams of lower deck, at points indicated, between bents 8 and 20  
Date: 5/28/1926  
Size: 36x24
- TR-284 Lower deck, stresses produced in floor system by T.R.R.A. of St. Louis locomotives 157-166 incl., stresses in stringers  
Date: 2/28/1924  
Microfilmed  
Size: 37x27
- TR-285 Lower deck, stresses produced in floor system by T.R.R.A. of St. Louis locomotives 157-166 incl., stresses in floor beams  
Date: 2/28/1924  
Microfilmed  
Size: 36x26
- TR-286 East approach, new top flange Ls for stringers, at points indicated, between bents 23 and 29  
Date: 5/4/1928  
Microfilmed  
Size: 36x24

- TR-287 Additional railway stringers for west span, Fort Pitt Bridge Works  
Date: 3/3/1917  
Signed: J.G. Hand  
Microfilmed  
Size: 36x24
- TR-288 General plan of erecting Illinois & St. Louis Bridge by Keystone Bridge Co.  
Pittsburgh, PA, shows full span from Illinois to Missouri, includes aerial view  
and abutment pier/towers  
Scale: 1 inch=400 feet  
Size: 65x14 (folded)
- TR-289 Unidentified, various views of bridge  
Scale: 1 inch=12 feet  
Size: 38x25 (very brittle and fragile)
- TR-290 Unidentified, detailed diagrams of what appears to be abutment mouldings, with  
measurements, angles, and surfaces  
Size: 41x27 (very brittle and fragile)
- TR-291 Unidentified, detailed diagrams of what appears to be abutment mouldings, with  
measurements, angles, and surfaces  
Size: 41x27 (very brittle and fragile)
- TR-292 Isometrical views and top views of basemoulding on abutment  
Size: 26x42 (very brittle and fragile)
- TR-293 Unidentified, detailed diagrams of what appears to be abutment mouldings, with  
measurements, angles, and surfaces  
Size: 41x27 (very brittle and fragile)
- TR-294 Unidentified, diagram showing the base of bridge piers below water level  
Scale: 1/8 inch=1 foot  
Size: 32x27 (damaged; drawing breaks off at top)
- TR-295 Framing details of carriage way--wharf spans, east approach  
Scale: 1 inch=3 feet  
Size: 58x36 (folded)
- TR-296 Unidentified, appears to show bridge bracing  
Size: 42x30

- TR-297 Unidentified, East St. Louis approach, Section at bent 56, appears to show bracing  
Signed: Baltimore Bridge Co.  
Size: 26x30
- TR-298 Unidentified, seems to be East St. Louis approach at bents 44-46, 49, & 50, showing bracing  
Signed: Baltimore Bridge Co.  
Size: 43x30
- TR-299 Plan and sections of west wall in tunnel between Olive and Locust under 8th Street  
Scale: 1/8 and 1/2 inch=1 foot  
Date: 4/4/1922  
Microfilmed  
Size: 36x24
- TR-300 Diagram of tunnel and tracks, vicinity Old Post Office Building, 8th Street between Olive and Locust Streets  
Scale: 1 inch=50 feet  
Date: 1/23/1953  
Size: 35x24